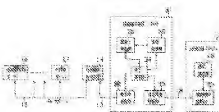


DATA COMMUNICATION SYSTEM EQUIPMENT, CONNECTION TERMINAL AND SERVER DEVICE**Publication number:** JP10257085 (A)**Publication date:** 1998-09-25**Inventor(s):** FUKUSHIMA MICHIO**Applicant(s):** TOKYO SHIBAURA ELECTRIC CO**Classification:**- **International:** *H04N7/16; H04L12/28; H04L12/46; H04N7/16; H04L12/28; H04L12/46; (IPC-17): H04L12/46; H04L12/28; H04N7/16*- **European:****Application number:** JP19970061324 19970314**Priority number(s):** JP19970061324 19970314**Abstract of JP 10257085 (A)**

PROBLEM TO BE SOLVED: To enable normal communication even when the same IP addresses are assigned to a connection terminal and a communication equipment. **SOLUTION:** Data from a CATV network 13 are fetched by a communication network connecting part 32. An IP address of a server to communicate with the connection terminal 31 is held by an identifier holding part 35 and an original address of reception data is judged by comparing a transmission origin IP address included in the reception data with the IP address held in the identifier holding part 35 by a judgement and control part 34. When the original address is the communication equipment 11, a MAC address is converted into the one indicating the communication equipment 11 and supplied to the communication equipment 11 by a communication equipment connecting part 33. Consequently, each server is capable of communicating with the connection terminal 31 and the communication equipment 11 even when the same addresses are used.

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